10/542,722

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	(("20040142843") or ("6800775") or ("6242405") or ("6828293") or ("6825162")).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/03/21 17:02
L2	277	(556/32).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/03/21 17:20

10/542,722

(FILE 'HOME' ENTERED AT 15:51:39 ON 21 MAR 2006)

FILE 'REGISTRY' ENTERED AT 15:51:53 ON 21 MAR 2006
L1 STRUCTURE UPLOADED
L2 0 S L1
L3 7 S L1 FULL

FILE 'CAPLUS' ENTERED AT 15:52:53 ON 21 MAR 2006
L4 17 S L3

=> d 1-17 bib abs

L4 ANSWER 1 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2005:695643 CAPLUS
DN 143:175181
TI Bleaching activation catalyst granules with good solubility for bleaching compositions
IN Miyasaki, Yoshitaka; Kaneda, Hideyuki
PA Lion Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 50 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2005206835	A2	20050804	JP 2004-375329	20041227
PRAI JP 2003-435633	A	20031226		

AB Title granules comprise (A) bleaching activation catalysts having transition metal complex structures 0.1-50, (B) surfactants 0.1-50, and (C) binder compds. 10-90%, wherein the content of transition metals which do not form complexes containing bleaching activation catalysts is ≤0.1% (based on bleaching activation catalyst). Thus, 48.7 g tris(2-aminoethyl)amine and 121.9 g salicylaldehyde were reacted to give tris(salicylideneaminoethyl)amine, 100 g of which was reacted with 0.18 mmol manganese chloride tetrahydrate, the resulting tris[2-(salicylideneaminoethyl)]amine-manganese complex was pulverized, 20 g of the resulting complex was mixed with 23 mg manganese chloride, 10 g of the mixture was mixed with Lipolan PJ 400 10, Arbocel FD 600/30 10, and PEG 60000 70% and kneaded to give a bleaching activation catalyst granule with average particle diameter 250 μm, 3.0% of which was mixed with SPC-Z (sodium percarbonate) 50.0, NRE 5 (ethoxylated alc.) 1.5, Dequest 2016D 0.5, Everlase 8.0T 0.4, a bleaching activation catalyst granule with average particle diameter 700 μm 1, perfume 0.1, white carbon 0.2, and zeolite 3%, and balance sodium carbonate to give a bleaching composition, showing good bleaching and storage stability.

L4 ANSWER 2 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:1056592 CAPLUS
DN 142:306784
TI Crystal structure of N,N,N-tris[2-(salicylideneaminato)ethyl]aminemanganese(III), Mn[N(C9H9NO)3]
AU Steinhauser, S.; Bachmann, F.; Hazenkamp, M.; Heinz, U.; Dannacher, J.; Hegetschweiler, K.
CS Universitaet des Saarlandes, Anorganische Chemie, Saarbruecken, 66041, Germany
SO Zeitschrift fuer Kristallographie - New Crystal Structures (2004), 219(3), 325-326
CODEN: ZKNSFT; ISSN: 1433-7266
PB Oldenbourg Wissenschaftsverlag GmbH
DT Journal
LA English
AB The title compound is monoclinic, space group P21/n, a 7.906(2), b 25.609(5), c 11.736(2) Å, β 96.55(3)°, Z = 4, Rgt(F) = 0.050, wRref(F2) = 0.127, T = 293 K. Atomic coordinates are given. The title compound Mn compound and its MeOH solvated derivative (S.K. Chandra et al 1991) crystallize in the monoclinic space group P21/n, however, the volume of the unit cell of the solvent-free derivative is 9.6 % smaller. No

significant differences have been noted for the coordination geometries of the two complex mols. Bond valence parameters confirm the proposed oxidation number of +III for the Mn center. As previously noted, the considerable deviation from C3 symmetry must be attributed to a Jahn-Teller distortion of the high-spin Mn center. N(1) has a flattened trigonal pyramidal environment with C-N-C angles of 115.1, 117.4, 118.0°, and the lone pair directed to the Mn center. The N...N distances of the MnN3O3 core (3.14, 3.23, 3.45 Å) are significantly longer than the O...O distances (2.73, 32 2.81, 3.00 Å). However, the very long N(1)-Mn distance of 3.19 Å indicates very weak - if any - interaction, and the coordination polyhedron may be best described as a distorted octahedron.

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:1037213 CAPLUS
DN 142:24931
TI Stable particulate composition comprising bleach catalysts, their preparation, use with detergent in the wash, and preventing redeposition of dyes
IN Hazenkamp, Menno; Kvita, Petr; Nagel, Johannes; Bertram, Heinz-Udo; Dreyer, Pierre; Weingartner, Peter
PA Ciba Specialty Chemicals Holding Inc., Switz.
SO PCT Int. Appl., 76 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004104155	A1	20041202	WO 2004-EP50766	20040512
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1625196	A1	20060215	EP 2004-732327	20040512
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
PRAI EP 2003-101450	A	20030521		
EP 2004-100105	A	20040115		
WO 2004-EP50766	W	20040512		

OS MARPAT 142:24931
AB The particulate compns., especially granules, comprise finely particulate bleach catalysts, alkali metal and/or alkaline earth metal and/or Al salts, water-soluble binders having sealing properties, and H2O.
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:1014366 CAPLUS
DN 141:425600
TI Bleach composition containing peroxide and bleaching detergent composition safe to dyed fabrics
IN Nagata, Satoshi; Kaneda, Hideyuki
PA Lion Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 50 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

PI JP 2004331816 A2 20041125 JP 2003-129507 20030507
PRAI JP 2003-129507 20030507
AB The bleach composition comprises: (a) a water-soluble H2O2-generating peroxide compound, e.g., percarbonate, (b) a fibrous powder insol. or slightly soluble in water which is selected from among powdered cellulose, silk powder, wool powder, nylon powder, and polyurethane powder, (c) a bleaching activating catalyst or/and activator, and (d) ordinary surfactants and additives.

L4 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:996291 CAPLUS
DN 141:425597
TI Bleach composition containing peroxide and bleaching detergent composition safe to dyed fabrics
IN Kaneda, Hideyuki; Miyamae, Yoshitaka; Nagata, Satoru
PA Lion Corporation, Japan
SO PCT Int. Appl., 93 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004099357	A1	20041118	WO 2003-JP5700	20030507
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003235871	A1	20041126	AU 2003-235871	20030507
EP 1621605	A1	20060201	EP 2003-721053	20030507
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, CY, TR, BG, CZ, EE, HU, SK				
PRAI WO 2003-JP5700	A	20030507		

AB The bleach composition comprises: (a) a peroxide capable of generating hydrogen peroxide when dissolved in water, e.g., percarbonate, (b) a fiber powder insol. or slightly soluble in water which is selected from among powdered cellulose, silk powder, wool powder, nylon powder, and polyurethane powder, and (c) (c-1) a bleaching activating catalyst and/or (c-2) a bleaching activator; and a bleaching detergent composition contains the bleach composition and a surfactant.
RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:633618 CAPLUS
DN 141:175880
TI Crystalline modification of a manganese complex, its production and its use
IN Bachmann, Frank; Baier, Hanspeter; Dosenbach, Christof; Dubs, Marie-josee; Habereder, Tassilo; Hazenkamp, Menno; Heinz, Uwe; Makowka, Cornelia
PA Ciba Specialty Chemicals Holding Inc., Switz.
SO PCT Int. Appl., 28 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004065302	A2	20040805	WO 2004-EP359	20040119
WO 2004065302	A3	20041007		
W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN,				

IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC,
LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX,
MZ, MZ, NA, NI

EP 1585721 A2 20051019 EP 2004-703163 20040119
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

PRAI EP 2003-405032 A 20030124
WO 2004-EP359 W 20040119

AB This invention relates to a novel crystal form of the 1:1 manganese(III) complex (I) of N,N',N'-tris(salicylideneaminoethyl)amine, a process for its preparation and its use as a peroxide bleach activator/catalyst. Thus, ethanolic salicylaldehyde was condensed with tris(2-aminoethyl)amine in the presence of NaOH and Mn(III) salt to give I, which was used as a seed crystal for production of more I in DMF to provide the new crystal form.

L4 ANSWER 7 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:348450 CAPLUS
DN 142:137100
TI Laundry detergent composition containing a transition metal bleaching catalyst
AU Anon.
CS USA
SO IP.com Journal (2004), 4(2), 33 (No. IPCOM000021652D), 29 Jan 2004
CODEN: IJPOBX; ISSN: 1533-0001
PB IP.com, Inc.
DT Journal; Patent
LA English

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
IP 21652D		20040129		

PRAI IP 2004-21652D 20040129

AB Detergent and bleaching laundry additive compns. are disclosed comprising 1:1 manganese(III) of N,N',N''-tris[salicylideneaminoethyl]amine.

L4 ANSWER 8 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2003:470750 CAPLUS
DN 139:54605
TI Bleach compositions for garment with reduced fabric degradation
IN Kaneda, Hideyuki; Miyasaki, Yoshitaka
PA Lion Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 23 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003171697	A2	20030620	JP 2002-250734	20020829

PRAI JP 2001-295882 A 20010927

AB The compns. contain (A) water-soluble H2O2 generators, (B) water-insol. powdered cellulose, silk, wool, nylon or polyurethane fibers, and (C) bleach activators or/and catalysts where the B is included for improving the stability of fabric to bleach. Thus, a bleaching detergent was obtained from Na percarbonate 50.0, powdered cellulose 20.0, tris(salicylideneiminoethy)amine-Mn complex, Na2CO3 28.0, a nonionic surfactant 0.5, an enzyme 1.0, and a perfume 0.1%.

L4 ANSWER 9 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2003:239943 CAPLUS
DN 138:273330
TI Bleaching compositions with good hydrogen peroxide stability
IN Kaneda, Hideyuki; Miyasaki, Yoshitaka
PA Lion Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 27 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

PI	JP 2003089800	A2	20030328	JP 2002-190449	20020628
PRAI	JP 2001-208399	A	20010709		

OS MARPAT 138:273330

AB Title compns. comprise (A) hydrogen peroxide or peroxide compds. giving hydrogen peroxide when dissolved in water, (B) phenolic radical trapping agents, (C) phosphonic acid type metal captures, and (D) bleaching activation catalysts comprising transition metals and ligands B(CR1H)nX[(CR2H)mA]p, wherein p = 0-2 integer; X = R when p = 0, X = R' when p = 1, or X = N, P, CR when p = 2; R, R1, R2 = H, (substituted) alkyl, cycloalkyl, or aryl; R' = (substituted) alkylene or cycloalkylene; n, m = 0-2 number; A, B = NR3R4 or N:R5; R3, R4 = H, OH, alkyl, cycloalkyl, aryl, or benzyl, and alkyl, cycloalkyl, aryl, and benzyl group may be substituted with OH, halogen, phosphonic acid, carboxylic acid, C1-3 alkyl or aryl; and R5 = alkylidene, cycloalkylidene, or benzylidene, and alkylidene, cycloalkylidene, and benzylidene may be substituted with OH, halogen, phosphonic acid, carboxylic acid, C1-3 alkyl or alkoxyl substituted dialkylamino, or C1-3 alkyl or aryl. Thus, a composition comprised 35% hydrogen peroxide 5.0, MQ-F 4-methoxyphenol 0.2, Briquest ADPA 1-hydroxyethane-1,1-diphosphonic acid 1.0, [tris(salicylideneiminoethyl)am ine] manganese (preparation given) 20.0, polyethylene glycol alkyl ether 4.5, linear alkyl benzene sodium sulfonate 0.5, C14 α-olefin potassium phosphonic acid 1.0, and perfume composition 0.1%, and sodium hydroxide and water.

L4 ANSWER 10 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2002:575181 CAPLUS

DN 137:126840

TI Process for the preparation of water-soluble granules or particles of saldimine-type manganese complexes useful for washing agents

IN Hazenkamp, Menno; Grey, Bryan David; Mistry, Kishor Kumar; Bachmann, Frank; Dannacher, Josef; Symes, Kenneth Charles; Kvita, Petr; Maier, Susanne

PA Ciba Specialty Chemicals Holding Inc., Switz.

SO PCT Int. Appl., 32 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002059245	A1	20020801	WO 2002-EP512	20020118
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	EP 1354025	A1	20031022	EP 2002-703562	20020118
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	BR 2002006673	A	20040113	BR 2002-6673	20020118
	CN 1518590	A	20040804	CN 2002-804218	20020118
	JP 2004523617	T2	20040805	JP 2002-559533	20020118
	TW 573010	B	20040121	TW 2002-91101120	20020124
	US 2004142842	A1	20040722	US 2004-470046	20040311
	US 6825162	B2	20041130		
PRAI	EP 2001-810078	A	20010126		
	EP 2001-810795	A	20010817		
	WO 2002-EP512	W	20020118		

OS MARPAT 137:126840

AB Water soluble granules or particles of saldimine-type manganese complexes that are suitable as catalysts in reactions with peroxy compds. are described. The granules are used especially in washing agent components. They are distinguished by retarded dissoln. of and improved action of the

manganese complexes.
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 11 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2002:395604 CAPLUS
DN 138:99869
TI Synthesis and characterization of a series of chelated complexes N(CH2CH2-O-C6H4-CH:NCH2 CH2)3N
AU Zhang, Jiang-run; Yang, Xu-jie; Lu, Lu-de; Wang, Xin; Xu, Xing-you
CS Materials Chemistry Laboratory, School of Chemical Engineering, Nanjing University of Science and Technology, Nanjing, 210094, Peop. Rep. China
SO Huaihai Gongxueyuan Xuebao (2002), 11(1), 45-47
CODEN: HGXKFX; ISSN: 1008-3499
PB Huaihai Gongxueyuan Xuebao Bianjibu
DT Journal
LA Chinese
OS CASREACT 138:99869
AB To study the structure and characterization of transition metal chelate complexes, the authors synthesized a new complex by the condensation of tren and nitrilotris(ethyloxybenzaldehyde), and prepared corresponding transition metal chelate complexes of tren and nitrilotris(ethyloxybenzaldehyde) complex by replacement reaction. The complex and the chelate complexes were characterized by elemental anal., FTIR, 1H-NMR, and UV.

L4 ANSWER 12 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2001:101267 CAPLUS
DN 134:164852
TI Water-soluble granules of salen-type manganese complexes
IN Hazenkamp, Menno; Bachmann, Frank; Makowka, Cornelia; Kvita, Petr; Kuratli, Rolf; Schmidlin, Anita
PA Ciba Specialty Chemicals Holding Inc., Switz.
SO PCT Int. Appl., 36 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001009276	A1	20010208	WO 2000-EP6934	20000720
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1200545	A1	20020502	EP 2000-954542	20000720
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
	JP 2003506525	T2	20030218	JP 2001-514070	20000720
	US 6828293	B1	20041207	US 2002-48045	20020124
	US 2005085401	A1	20050421	US 2004-974375	20041027
	US 6982243	B2	20060103		
PRAI	EP 1999-810684	A	19990728		
	WO 2000-EP6934	W	20000720		
	US 2002-48045	A3	20020124		

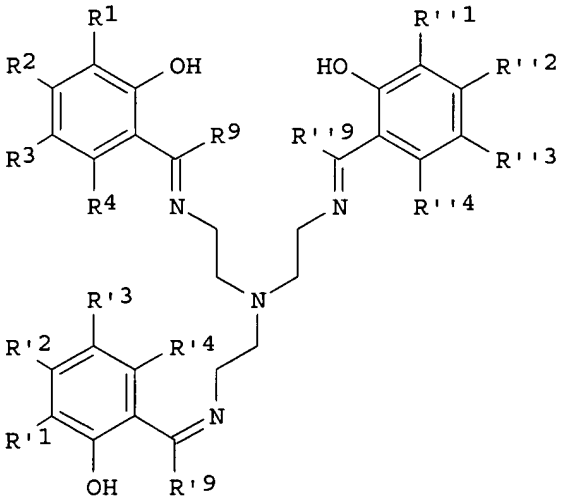
OS MARPAT 134:164852
AB The granules comprising H2O-soluble salen-type Mn complexes and ≥10% of an anionic or nonionic dispersant or a H2O-soluble polymer, e.g., poly(vinyl alc.) Na-CMC, polyvinylpyrrolidone, etc., as dissoln. restrainer provide better inhibition of the redeposition of migrating dyes in washing liquors than is provided by pure Mn complexes. The storage stability of peroxide-containing washing agent formulations comprising such granules is also improved. Washing agent formulations containing anionic and/or nonionic surfactants, builders, peroxides and granules described

above are also claimed.
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 13 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2001:64115 CAPLUS
DN 134:133329
TI Metal complexes of tripodal ligands as catalysts for peroxygen compounds in cleaning and disinfecting
IN Bachmann, Frank; Dannacher, Josef; Hazenkamp, Menno; Schlingloff, Gunther; Richter, Grit; Dbaly, Helena; Traber, Rainer Hans
PA Ciba Specialty Chemicals Holding Inc., Switz.
SO PCT Int. Appl., 39 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001005925	A1	20010125	WO 2000-EP6420	20000706
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2377279	AA	20010125	CA 2000-2377279	20000706
	BR 2000012390	A	20020319	BR 2000-12390	20000706
	EP 1194514	A1	20020410	EP 2000-947944	20000706
	EP 1194514	B1	20060111		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY				
	JP 2003505349	T2	20030212	JP 2001-511141	20000706
	AT 315627	E	20060215	AT 2000-947944	20000706
	US 6800775	B1	20041005	US 2002-31999	20020110
PRAI	EP 1999-810631	A	19990714		
	WO 2000-EP6420	W	20000706		

OS MARPAT 134:133329
GI



I

AB Tripodal ligands I (R1-4, R'1-4, R''1-4 = H, cyano, halo, S-containing acidic or amide group, ether group, or ester group, R9, R'9, R''9 = H, C1-8 alkyl, or aryl) and their metal complexes are useful as catalysts to enhance the action of peroxygen compds. in washing, cleaning and

disinfecting processes. A typical I was manufactured by stirring an aqueous emulsion containing 3.42 mmol tris(2-aminoethyl)amine and 10.3 mmol salicylaldehyde 20 h.

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

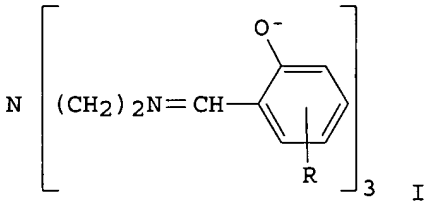
L4 ANSWER 14 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1995:585447 CAPLUS
DN 123:242528
TI Geometric control of manganese redox state
AU Drew, Michael G. B.; Harding, Charles J.; McKee, Vickie; Morgan, Grace G.; Nelson, Jane
CS Sch. Chem., Queens Univ., Belfast, BT9 5AG, UK
SO Journal of the Chemical Society, Chemical Communications (1995), (10), 1035-8
CODEN: JCCCAT; ISSN: 0022-4936
PB Royal Society of Chemistry
DT Journal
LA English
AB Comparison of the structures of four monomanganese (and one monoiron) complexes of ligands with the identical donor [N3(O-)3] set reveals that geometry dets. the redox state of the cation. Crystallog. data are given.

L4 ANSWER 15 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1993:439479 CAPLUS
DN 119:39479
TI Mono- and tetra-nuclear manganese(III) complexes of tripodal tris[2-(salicylideneamino)ethyl]amines
AU Chandra, Swapan Kumar; Chakraborty, Partha; Chakravorty, Animesh
CS Dep. Inorg. Chem., Indian Assoc. Cultiv. Sci., Calcutta, 700032, India
SO Journal of the Chemical Society, Dalton Transactions: Inorganic Chemistry (1972-1999) (1993), (6), 863-9
CODEN: JCDTBI; ISSN: 0300-9246
DT Journal
LA English
AB Tripodal N[CH2CH2N:CHC6H3X(OH)-2]3 [H3L; X = H (H3L1), Cl-5 (H3L2)] afford [MnL]. Structural work showed that the symmetry of the facial MnN3O3 coordination sphere in the 2 solvates [MnL2].3H2O and [MnL2].MeOH (I) varies considerably as the former has C3 and the latter C1 symmetry. The implications of these differences are discussed. Reaction of [MnL] with Mn(OAc)3.2H2O in alkaline media affords antiferromagnetic [MnIII4O2L2]2+ in high yields. X-ray studies on [Mn4O4L12][PF6]2.4MeCN (II) revealed a centrosym. Mn4(μ3-O)28+ core, with the shortest Mn...Mn contact being 2.906(3) Å. The metal coordination spheres are of 2 types: facial-MnN3O3 and MnNO5. The cyclic voltammograms of [Mn4O2L2]2+ display 2 successive waves due to the MnIII-MnII couples of the MnN3O3 spheres. For [MnL] only 1 such couple is observed Oxidative responses due to MnIV-MnIII couples are observed Some preliminary work on an Fe(III) analog of [Mn4O2L2]2+ is described. Crystal data: I; triclinic, space group P.hivin.1, a 9.457(3), b 11.731(3), c 13.153(4) Å, α 80.98(2), β 78.76(3), γ 89.08(2)°, Z = 2, R = 0.0461, R' = 0.0522; II; monoclinic, space group P21/n, a 14.019(7), b 16.165(8), c 15.995(7) Å, β 102.27(4)°, Z = 2, R = 0.0604, R' = 0.0612.

L4 ANSWER 16 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1992:50303 CAPLUS
DN 116:50303
TI Manganese(III) complexes with MnIIIN3O3 (S = 2) coordination by sexidentate Schiff base ligands: synthesis, spectra and electrochemistry
AU Ramesh, Krishnamoorthi; Bhuniya, Debnath; Mukherjee, Rabindranath
CS Dep. Chem., Indian Inst. Technol., Kanpur, 208 016, India
SO Journal of the Chemical Society, Dalton Transactions: Inorganic Chemistry (1972-1999) (1991), (11), 2917-20
CODEN: JCDTBI; ISSN: 0300-9246
DT Journal
LA English
AB MnL3(HL = tris[2-(2'-hydroxybenzylidene)ethyl]amine and its 3-, 4-, 5-methyl-, 3,4-dimethyl- and 3,5-dichloro derivs.) (μeff = 4.79-5.30 at 298 K) have been prepared and their solution properties thoroughly

investigated. The brown to green crystalline complexes display ligand-to-metal charge transfer transitions at 330-400 nm in addition to a crystal field transition at 560-600 nm. The solution stereochem. has been determined by paramagnetically shifted 1H NMR spectroscopy. Unlike the C3 symmetry in the solid state structure, in solution the MnIIIN3O3 coordination sphere is severely distorted (.simeq.C1 symmetry). Cyclic voltammetric studies in DMF reveal an irreversible MnIIIMnII couple [Epc -0.62 to -0.05 V vs. SCE and a quasireversible MnIV-MnIII couple (Ef at +0.42 to +0.86 vs. SCE).

L4 ANSWER 17 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1976:601369 CAPLUS
DN 85:201369
TI Metal(III) compounds of potentially septadentate [N4O3] ligands derived from tris(2-aminoethyl)amine and salicylaldehydes. I. Preparation of gallium, chromium, manganese, iron, and cobalt compounds, and crystal structure of the iron compound of tris[2-(5-chloro-2-hydroxybenzylidene)ethyl]amine
AU Cook, Donald F.; Cummins, Diane; McKenzie, E. Donald
CS Chem. Dep., Univ. Sheffield, Sheffield, UK
SO Journal of the Chemical Society, Dalton Transactions: Inorganic Chemistry (1972-1999) (1976), (14), 1369-75
CODEN: JCDTBI; ISSN: 0300-9246
DT Journal
LA English
GI



I

AB The potentially septadentate trianionic Schiff base ligands, I (R = H, 3-NO2, 3-OMe, 5-Cl, 5-Br, 5-Me, 5-OMe, 5-NO2), prepared from N[(CH2)2NH2]3 and the appropriate substituted salicylaldehyde, reacted with M(III) species (M = Ga Cr, Mn, Fe, Co) to form 1:1 neutral compds. The electronic spectra and magnetic moments of the complexes were determined and some polymorphs and isomorphous series were classified from x-ray powder diffraction patterns. The crystal and mol. structure of FeL (L = I, R = 5-Cl), determined from x-ray diffractometer data, showed that the mol. was essentially a [Fe(O3N3)] octahedral species lying on a 3-fold crystallog. axis which passes through the Fe and the apical N. The apical N atom was anti-bonding with respect to Fe, being 3.26 Å from Fe and almost coplanar with its 3 C substituents. The H2O mols. in the crystal formed a flattened octahedral set about the crystallog. C3 axis, H-bonded to themselves and to the ligand phenolic O atoms.